

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27702	"707"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 08:49
L2	277	1 and schema same (map or mapp\$4) same (relational adj database)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:03
L3	140	2 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement46 or establish\$6) near2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 08:51
L4	97	2 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement46 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 08:52
L5	79	1 and schema same (map or mapp\$4) same (relational adj database) same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 08:59
L6	36	5 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:03
L7	6	1 and ((schema adj20 (map or mapp\$4)) adj20 (xml adj10 (relational adj database)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:01
L8	36	1 and ((schema adj20 (map or mapp\$4)) same (xml adj10 (relational adj database)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:03
L9	79	1 and schema same (map or mapp\$4) same (relational adj database) same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:05

L10	36	9 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:05
L11	140	1 and schema and ((map or mapp\$4) same (relational adj database) same xml)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:11
L12	56	11 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:16
L13	108	1 and schema and ((map or mapp\$4) same (relational adj database) same xml) and transform\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:18
L14	39	13 and transform\$7 same schema same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:11
L15	47	13 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:29
L16	384	1 and schema and ((map or mapp\$4) and (relational adj database) and xml) and transform\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:18
L17	20	16 and (metadata or (meta adj data)) with DTD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:30
L18	18	17 and xml adj document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:24
L19	16	17 and (xml adj document) same (dtd or schema or (relational adj database))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:25

Ly, Anh

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**To:** Rones, Charles  
**Subject:** FW: Hosain on leave

Good Morning, Charles:  
As Hosain said, I would like to see you today whenever you have time.  
Thank you very much!  
Anh Ly

-----Original Message-----

**From:** Alam, Hosain  
**Sent:** Tuesday, July 05, 2005 5:55 PM  
**To:** 2161 Examiners; 2163 Examiners; 2167 Examiners; 2162 Examiners  
**Subject:** Hosain on leave

I will be on leave on Wednesday, 7/6/05. See Charles Rones for appeal-related issues.

### **Hosain Alam**

Supervisory Patent Examiner  
Technology Center 2100  
Computer Architecture, Software & Information Security  
Tel: (571) 272-3978; Fax: (571) 273-3978  
Email: hosain.alam@uspto.gov

See me in the afternoon

-----Original Message-----

**From:** Ly, Anh  
**Sent:** Tuesday, July 05, 2005 7:10 AM  
**To:** Breene, John; Alam, Hosain  
**Cc:** Alam, Shahid; Corrielus, Jean M.  
**Subject:** Appeal Brief

Good Morning, Hosain & John;

I am having an Appeal Brief application **09/783,65 (two monther's)**, which It was reviewed by Jean Corrielus and Shahid Alam and both told me it should withdraw the final and re-open for this application. So I think I do not need to see Appeal Panel for approval for re-open it. I will send my non-final rejection to your office for you review and sign it.

**Anh Ly**  
**GAU: 2162 (RND RM# 3A39)**  
**571-272-4039**

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Anh LyExaminer #: 71831

(91)

Art Unit: 2162Phone Number 301-402-7039Serial Number: 09/783,657Mail Box and Bldg/Room Location: 3A-39Results Format Preferred (circle):  PAPER  DISK  E-MAILDate: 05/20/05**If more than one search is submitted, please prioritize searches in order of need.**

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: System & method for automatic loading of an XML Document defined by a Document-type Definition (DTD) into a relational Database including the generation of a Relational Schema therefor.

Inventors (please provide full names): Wang-Chien Lee, Gail Anne Mitchell & Xin ZhangEarliest Priority Filing Date: 02/16/00

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

- Automatically generating the schema for relational Database from metadata, wherein at least one table is thereby defined in the relational database in regard to at least one content particle of the document-type definition via metadata

- Loading the document data into at least one table of the relational database according to the relational schema in a manner driven by the metadata

*Appeal Brief*

Ly, Anh

**From:** Damron, Emory (ASRC)  
**Sent:** Wednesday, June 08, 2005 10:13 AM  
**To:** Ly, Anh  
**Subject:** SYSTEM AND METHOD FOR AUTOMATIC LOADING OF AN XML DOCUMENT DEFINED BY A DOCUMENT-TYPE DEFINITION INTO A RELATIONAL DATABASE INCLUDING THE GENERATION OF A RELATIONAL SCHEMA THEREFOR search { sn# 09/783657 }

Anh-

I'll be working on your STIC search request shortly and have a few questions. Please answer them below and return this email....or you can call me at 2-3520....if you want to chat in person, I'm in EIC 2100, Randolph 4 B 19.

Thank You,  
Emory Damron

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- 1) Any suggested keywords, terms of art, buzzwords, concepts, synonyms, acronyms, definitions, strategies, or the like that you'd recommend? Should I avoid certain words or references which may teach away from what you're looking for?
- 2) Do you want us to search foreign patent databases?
- 3) Should we search free internet sites along with the commercial databases?
- 4) Do you want us to tag the results for pertinence or relevance?
- 5) Do you want the keywords in the text **bold-highlighted** so you can locate them more quickly?
- 6) Do you want the results of our mandatory inventor search? (this includes non-patent literature databases!!)
- 7) Do you want all results limited to the priority date and before? (please provide the date here if you have not done so in your request)
- 8) What is the best art you've found so far? (if you haven't already done a search, that's OKAY!!!..we just don't want to show you art of which you may already be aware)
- 9) Is there a key aspect, novelty, motivation, utility, or other specific detail(s) not described in the request which you'd like us to find or focus on?
- 10) Finally, are you looking for an exact "102" type reference, or would you like to see similar, more broadly related "103" type art?

6, 63, 497  
6, 523, 036

2002/01/33 489

6,732; withdraw the finality  
DO NON-FINAL

extracting metadata

~~to~~ dtd

schema generation

Loading/Storing

L20	1	17 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:30
L21	67	16 and (metadata or (meta adj data)) and DTD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:31
L22	20	21 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:31
L23	106	16 and DTD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:31
L24	30	23 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:33
L25	115	16 and (creat\$5 or generat\$6 or construct\$6 or build\$6 or implement\$6 or establish\$6) adj2 schema	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:33
L26	12	25 and transform\$6 adj6 xml adj20 (schema or relational or database or table)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:35
L27	52	25 and transform\$6 same xml same (schema or relational or database or table)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/07 09:36